Lab Assignment

File System & Error Handling

PY-04-L9
Tasks & Questions

Lab Objective

Review material presented in class and conduct additional research on some topics.

Lab Mission

Research some subjects and answer questions based on the material learned in class.

Lab Duration

15–20 minutes

Requirements

- Knowledge of user input handling
- Knowledge of variable handling
- Knowledge of function handling

Resources

- Environment & Tools
    - Windows, macOS, or Linux
        - Python 3
        - PyCharm

Textbook References

- Chapter 4: File System and Error Handling
    - Section 3: Module Definition and Usage

Lab Task: Research with the *SYS* Module

Answer questions based on the material you learned in class, and research as needed.

1   Research the Python *SYS* module and explain its purpose.

2   Briefly describe *os.path.curdir*.

3   Briefly describe *os.path.isdir(dir)*.

4   Briefly describe *os.path.isfile(file)*.

5   Briefly describe *os.path.exists(dir)*.

6   Briefly describe *os.path.getsize(filename)*.

7   Research the *Signal* module and explain what it can be used for.